

# **Thailand Company Update**

20 February 2023

Energy & Petrochemicals | Integrated Oil & Gas

# PTT (PTT TB)

# **Buy** (Maintained)

3m

1.5

(0.8)

6m

(11.3)

(12.0)

12m

(16.3)

(12.8)

31.0 - 40.0

# **Economic Reopening, Better Run Rate; BUY**

Target Price (Return): THB46 (37.3%)
Price (Market Cap): THB33.50 (USD27,656m)
ESG score: 3.67 (out of 4)
Avg Daily Turnover (THB/USD) 1,564m/45.5m

• Keep BUY, new THB46 TP from THB51, 37% upside and c.5% yield. PTT is set to see better 1Q23 net profit after 4Q22's performance – in line with expectations. Its business is likely to increase from global economic reopenings (mainly China) and refinery plants coming back from maintenance shutdowns – although we do have a conservative view on China's gradually improving demand that impacts GRM. We also note PTT's move towards green energy and its attractive dividend yield.

# **Analyst**

Relative

1Q23 to be better. PTT is expected to see a better bottomline in 1Q23 as its upstream oil & gas production business is likely to post lower expenses – this is due to no major loss from impairments on assets in Mozambique and provisions for the class action settlement from the Montara incident in 4Q22. We also believe its oil refineries and petrochemical business will have better demand from the global economic reopening and improving market GRM, given increased demand from China and utilisation rate recoveries after huge maintenance shutdowns in 4Q22. The natural gas sales & marketing wing is also expected to recover following Thailand and

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Share Performance (%)

YTD 1m

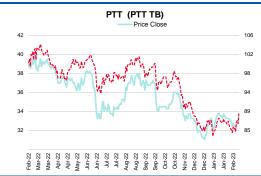
Absolute 0.8 0.0

52-wk Price low/high (THB)

1.8

the world's economic reopening, in our view.

• 4Q22: QoQ hike, YoY drop. PTT posted a 4Q22 net profit of THB17.9bn (+101% QoQ, -35% YoY) – in line with expectations. The QoQ hike came from a huge FX gain of THB32.7bn, up from a QoQ loss of THB19.9bn. Stock loss reduced to THB8.7bn (3Q22: -THB13bn). EBITDA stood at THB74bn (-20% QoQ, -27% YoY) on lower global oil prices. PTT's refinery and petrochemical business had lower GRM and petrochemical spreads, as well as huge maintenance shutdowns.



1.8

• Continuously developing carbon capture & sequestration (CCS). The group's exploration & production business has developed CCS capabilities at several of its fields – eg Arthit, Sinphuhorm, and Lang Lebah – and plans to do more at others. CCS is the process of capturing CO2 before it enters the atmosphere – the gas is then transported and stored in deep underground geological formations. PTTEP has a goal of developing net zero carbon processes by 2050. This makes it suitable for long-term investment. PTT plans to: i) Reduce greenhouse gas emissions by15% by 2030, ii) be carbon neutral by 2040, and iii) see net zero emissions by 2050.

Source: Bloomberg

• PTT has been fruitful in applying ESG principles. We derive an ESG score of 3.7 and apply an 8% premium to our valuation to arrive at our TP. Note: We hold a more conservative outlook to reflect China's gradually improving demand, hence lowering GRM to USD11 from USD12.30, as well as lower marketing margins for the retail business from THB0.90 to THB0.82/litre. TP is then moved to THB46. Still BUY for its attractive 0.9x P/BV (below the historical 1.5x) and yields of 5%. PTT is paying dividends for 2H22 of THB0.70/share after paying THB1.30 for 1H22. Payment date: 28 Apr.

# Overall ESG Score: 3.67 (out of 4)

## E: GOOD

PTT has set a goal to reduce the group's greenhouse gas emissions by more than 20% by 2030. Its greenhouse gas emission for 2021 was 33.15m tons, within the target set for the year. Other efforts include monitoring and managing water usage, waste management and air quality management.

# S: EXCELLENT

PTT invests heavily in its employees through various training programmes that include leadership, compulsory and elective programmes. It has policies on human rights that focus on its human capital and surrounding community. It also offers scholarships and is involved in natural disaster relief efforts. It promotes social enterprises through initiatives like Café Amazon for chance and PTT Group Lounge.

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G-	FYC	FI I	FNT

Most PTT's directors are independent, there is female representation on the board. It ensures appointed directors are skilled and qualified. PTT provides timely, consistent, and accurate information to shareholders. Policies that ensure shareholder rights are protected are in place and practiced.

Forecasts and Valuation	Dec-21	Dec-22	Dec-23F	Dec-24F	Dec-25F
Total turnover (THBm)	2,258,818	3,367,203	2,633,544	2,584,706	2,595,590
Recurring net profit (THBm)	146,790	160,536	108,251	114,145	120,599
Recurring net profit growth (%)	158.5	9.4	(32.6)	5.4	5.7
Recurring P/E (x)	6.52	5.96	8.84	8.38	7.93
P/B (x)	1.0	0.9	0.9	0.8	0.8
P/CF (x)	4.88	2.41	1.73	3.17	na
Dividend Yield (%)	6.0	6.0	5.4	5.7	5.7
EV/EBITDA (x)	4.95	4.37	4.93	5.02	4.77
Return on average equity (%)	11.9	9.3	10.2	10.2	10.2
Net debt to equity (%)	37.0	50.5	35.6	27.8	20.5

Source: Company data, RHB



# Energy & Petrochemicals | Integrated Oil & Gas

# **Financial Exhibits**

Asia Thailand Energy & Petrochemicals PTT PTT TB Buy

Valuation basis

P/BV, SOP

## Key drivers

- i. Domestic and global economy;ii. Crude oil and its derivatives prices;iii. Demand and supply for its products.

## Key risks

**Company Profile** 

- i. Crude oil prices;ii. USD/THB fluctuations;
- iii. Demand & supply for products; iv. Fluctuating TH/USD rate;
- v. Demand and supply for products.

As the Thai Government's petroleum business arm, PTT owns diverse businesses: Upstream and downstream oil and gas companies. It also has a coal mining business.

Financial summary (THB)	Dec-21	Dec-22	Dec-23F	Dec-24F	Dec-25F
Recurring EPS	5.14	5.62	3.79	4.00	4.22
DPS	2.00	2.00	1.82	1.90	1.90
BVPS	32.67	36.03	38.00	40.10	42.42
Return on average equity (%)	11.9	9.3	10.2	10.2	10.2

Valuation metrics	Dec-21	Dec-22	Dec-23F	Dec-24F	Dec-25F
Recurring P/E (x)	6.52	5.96	8.84	8.38	7.93
P/B (x)	1.0	0.9	0.9	0.8	0.8
FCF Yield (%)	(2.8)	(29.4)	43.0	16.7	(14.9)
Dividend Yield (%)	6.0	6.0	5.4	5.7	5.7
EV/EBITDA (x)	4.95	4.37	4.93	5.02	4.77
EV/EBIT (x)	7.87	6.90	8.58	8.73	8.21

Income statement (THBm)	Dec-21	Dec-22	Dec-23F	Dec-24F	Dec-25F
Total turnover	2,258,818	3,367,203	2,633,544	2,584,706	2,595,590
Gross profit	376,567	460,477	288,891	268,285	272,537
EBITDA	395,088	456,075	367,941	348,130	351,571
Depreciation and amortisation	(146,790)	(167,330)	(156,335)	(147,943)	(147,419)
Operating profit	248,298	288,745	211,606	200,187	204,153
Net interest	777	(12,671)	(47,884)	(27,364)	(21,361)
Pre-tax profit	219,658	212,562	165,530	174,634	184,602
Taxation	(67,591)	(90,462)	(26,746)	(28,293)	(29,988)
Reported net profit	108,363	91,175	108,251	114,145	120,599
Recurring net profit	146,790	160,536	108,251	114,145	120,599

Cash flow (THBm)	Dec-21	Dec-22	Dec-23F	Dec-24F	Dec-25F
Change in working capital	162,712	(270,476)	130,342	2,497	(556)
Cash flow from operations	196,261	397,841	553,995	302,163	(556)
Capex	(223,184)	(679,144)	(142,190)	(142,185)	(142,180)
Cash flow from investing activities	(252,600)	(855,002)	(142,582)	(142,576)	(142,571)
Dividends paid	(57,126)	(57,126)	(51,961)	(54,270)	(54,270)
Cash flow from financing activities	261,798	507,119	26,595	47,717	47,717
Cash at beginning of period	332,032	332,033	332,033	639,699	839,810
Net change in cash	205,459	49,958	438,008	207,304	(95,410)
Ending balance cash	537,491	381,991	770,041	847,003	744,400

Balance sheet (THBm)	Dec-21	Dec-22	Dec-23F	Dec-24F	Dec-25F
Total cash and equivalents	332,033	332,033	639,699	839,810	1,044,622
Tangible fixed assets	1,292,718	1,499,330	1,485,185	1,479,427	1,474,188
Total investments	106,762	219,108	221,308	223,509	225,710
Total assets	3,078,019	3,415,632	3,547,367	3,736,138	3,939,647
Short-term debt	110,912	180,970	180,970	180,970	180,970
Total long-term debt	766,719	924,943	1,026,930	1,128,917	1,230,903
Total liabilities	1,605,079	1,881,940	1,950,282	2,046,983	2,150,147
Total equity	1,472,939	1,533,693	1,597,085	1,689,156	1,789,500
Total liabilities & equity	3,078,019	3,415,632	3,547,367	3,736,138	3,939,647

Key metrics	Dec-21	Dec-22	Dec-23F	Dec-24F	Dec-25F
Revenue growth (%)	39.8	49.1	(21.8)	(1.9)	0.4
Recurrent EPS growth (%)	158.5	9.4	(32.6)	5.4	5.7
Gross margin (%)	16.7	13.7	11.0	10.4	10.5
Operating EBITDA margin (%)	17.5	13.5	14.0	13.5	13.5
Net profit margin (%)	4.8	2.7	4.1	4.4	4.6
Dividend payout ratio (%)	52.7	62.7	48.0	47.5	45.0
Capex/sales (%)	9.9	20.2	5.4	5.5	5.5
Interest cover (x)	8.82	7.78	3.66	4.30	4.39

Source: Company data, RHB

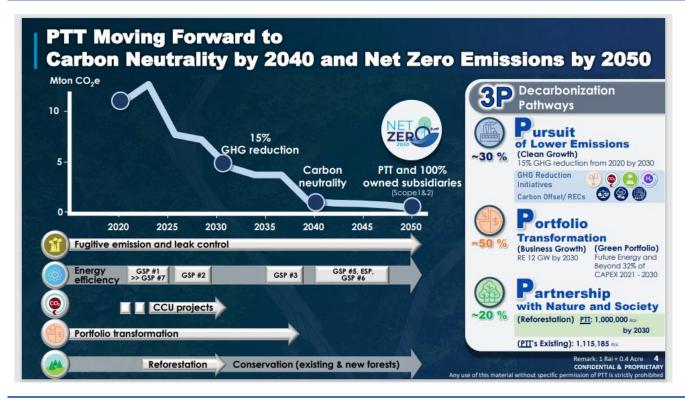


Figure 1: PTT's decarbonising initiatives



Source: Company

Figure 2: PTT's movement to carbon neutrality and its net zero plan



Source: Company



# **Recommendation Chart**

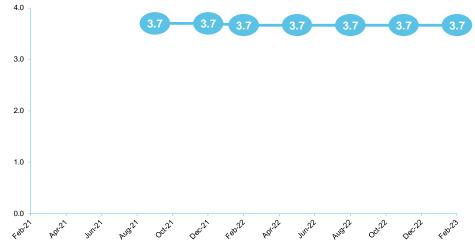


Source: RHB, Bloomberg

Date	Recommendation	Target Price	Price
2022-11-25	Buy	51.0	33.8
2022-11-11	Buy	51.0	34.8
2022-10-03	Buy	51.0	34.0
2022-06-07	Buy	51.0	38.0
2022-02-21	Buy	51.0	38.8
2021-08-12	Buy	51.0	34.5
2021-05-14	Buy	51.5	40.3
2021-02-19	Buy	51.0	40.0
2020-11-11	Buy	46.6	38.3
2020-08-11	Buy	44.9	37.5
2020-08-04	Buy	44.9	38.0
2020-05-29	Neutral	37.3	35.5
2020-05-11	Neutral	37.3	35.5
2020-03-19	Buy	32.8	25.8
2020-02-21	Neutral	43.3	44.5

Source: RHB, Bloomberg

# **ESG** Rating History



Source: RHB

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Buy: Share price may exceed 10% over the next 12 months

Trading Buy: Share price may exceed 15% over the next 3 months, however longer-

term outlook remains uncertain

Neutral: Share price may fall within the range of +/- 10% over the next

12 months

Take Profit: Target price has been attained. Look to accumulate at lower levels Sell: Share price may fall by more than 10% over the next 12 months

Not Rated: Stock is not within regular research coverage

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Analyst	Company
=	=

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# Corporate Governance Report Rating 2022 (CG Score) as of 27 Oct 2022



# Companies with Excellent CG Scoring by alphabetical order

AAV	AWC	BWG	CSS	FSMART	ILINK	LALIN	MST	PDG	Q-CON	SCN	SPRC	THANA	TQM	UV
ADVANC	AYUD	CENTEL	DDD	FVC	ILM	LHFG	MTC	PDJ	QH	SDC	SPVI	THANI	TRC	VCOM
AF	BAFS	CFRESH	DELTA	GC	IND	LIT	MVP	PG	QTC	SEAFCO	SSC	THCOM	TRUE	VGI
AH	BAM	CGH	DEMCO	GEL	INTUCH	LOXLEY	NCL	PHOL	RATCH	SEAOIL	SSSC	THG	TSC	VIIH
AIRA	BANPU	CHEWA	DOHOME	GFPT	IP	LPN	NEP	PLANB	RBF	SE-ED	SST	THIP	TSR	WACOAL
AJ	BAY	CHO	DRT	GGC	IRC	LRH	NER	PLANET	RS	SELIC	STA	THRE	TSTE	WAVE
AKP	BBIK	CIMBT	DTAC	GLAND	IRPC	LST	NKI	PLAT	S	SENA	STEC	THREL	TSTH	WHA
ALLA	BBL	CK	DUSIT	GLOBAL	ITEL	MACO	NOBLE	PORT	S&J	SENAJ	STGT	TIPCO	TTA	WHAUP
ALT	BCP	CKP	EA	GPI	IVL	MAJOR	NSI	PPS	SAAM	SGF	STI	TISCO	TTB	WICE
AMA	BDMS	CM	EASTW	GPSC	JTS	MAKRO	NOBLE	PR9	SABINA	SHR	SUN	TK	TTCL	WINNER
AMARIN	BEM	CNT	ECF	GRAMMY	JWD	MALEE	NSI	PREB	SAMART	SICT	SUSCO	TKN	TTW	XPG
AMATA	BEYOND	COLOR	ECL	GULF	K	MBK	NVD	PRG	SAMTEL	SIRI	SUTHAI	TKS	TU	ZEN
ANAN	BGC	COM7	EE	GUNKUL	KBANK	MC	NYT	PRM	SAT	SIS	SVI	TKT	TVDH	
AOT	BGRIM	COMAN	EGCO	HANA	KCE	MCOT	OISHI	PSH	SC	SITHAI	SYMC	TMILL	TVI	
AP	BIZ	COTTO	EPG	HARN	KEX	METCO	OR	PSL	SCB	SMPC	SYNTEC	TMT	TVO	
APURE	BKI	CPALL	ETC	HENG	KGI	MFEC	ORI	PTG	SCC	SNC	TACC	TNDT	TWPC	
ARIP	BOL	CPF	ETE	HMPRO	KKP	MINT	OSP	PTT	SCCC	SONIC	TASCO	TNITY	U	
ASP	BPP	CPI	FN	ICC	KSL	MONO	ОТО	PTTEP	SCG	SORKON	TCAP	TOA	UAC	
ASW	BRR	CPN	FNS	ICHI	KTB	MOONG	PAP	PTTGC	SCGP	SPALI	TEAMG	TOP	UBIS	
AUCT	BTS	CRC	FPI	III	KTC	MSC	PCSGH	PYLON	SCM	SPI	TFMAMA	TPBI	UPOIC	



# Companies with Very Good CG Scoring by alphabetical order

28	BCH	cv	IMH	MBAX	PICO	SABUY	SRICHA	TPAC	XO
7UP	BE8	CWT	INET	MEGA	PIMO	SAK	SSF	TPCS	YUASA
ABICO	BEC	DCC	INGRS	META	PIN	SALEE	SSP	TPIPL	ZIGA
ABM	SCAP	DHOME	INSET	MFC	PJW	SAMCO	STANLY	TPIPP	
ACE	BH	DITTO	INSURE	MGT	PL	SANKO	STC	TPLAS	
ACG	BIG	DMT	IRCP	MICRO	PLE	SAPPE	STPI	TPS	
ADB	BJC	DOD	IT	MILL	PM	SAWAD	SUC	TQR	
ADD	BJCHI	DPAINT	ITD	MITSIB	PMTA	SCI	SVOA	TRITN	
AEONTS	BLA	DV8	J	MK	PPP	SCP	SVT	TRT	
AGE	BR	EASON	JAS	MODREN	PPPM	SE	SWC	TRU	
AHC	BRI	EFORL	JCK	MTI	PRAPAT	SECURE	SYNEX	TRV	
AIE	BROOK	ERW	JCKH	NBC	PRECHA	SFLEX	TAE	TSE	
AIT	BSM	ESSO	JMT	NCAP	PRIME	SFP	TAKUNI	TVT	
ALUCON	BYD	ESTAR	JR	NCH	PRIN	SFT	TCC	TWP	
AMANAH	CBG	FE	KBS	NDR	PRINC	SGP	TCMC	UBE	
AMR	CEN	FLOYD	KCAR	NETBAY	PROEN	SIAM	TFG	UEC	
APCO	CHARAN	FSS	KIAT	NEX	PROS	SINGER	TFI	UKEM	
APCS	CHAYO	FTE	KISS	NINE	PROUD	SKE	TFM	UMI	
AQUA	CHG	GBX	KK	NATION	PSG	SKN	TGH	UOBKH	
ARIN	СНОТІ	GCAP	KOOL	NNCL	PSTC	SKR	TIDLOR	UP	
ARROW	CHOW	GENCO	KTIS	NOVA	PT	SLP	TIGER	UPF	
AS	CI	GJS	KUMWEL	NPK	PTC	SMART	TIPH	UTP	
ASAP	CIG	GTB	KUN	NRF	QLT	SMD	TITLE	VIBHA	
ASIA	CITY	GYT	KWC	NTV	RCL	SMIT	TM	VL	
ASIAN	CIVIL	HEMP	KWM	NUSA	RICHY	SMT	TMC	VPO	
ASIMAR	CMC	HPT	L&E	NWR	RJH	SNNP	TMD	VRANDA	
ASK	CPL	HTC	LDC	occ	ROJNA	SNP	TMI	WGE	
ASN	CPW	HUMAN	LEO	OGC	RPC	so	TNL	WIIK	
ATP30	CRANE	HYDRO	LH	ONEE	RT	SPA	TNP	WIN	
В	CRD	ICN	LHK	PACO	RWI	SPC	TNR	WINMED	
BA	CSC	IFS	М	PATO	S11	SPCG	TOG	WORK	
BC	CSP	IIG	MATCH	PB	SA	SR	TPA	WP	



# Companies with Good CG Scoring by alphabetical order

Α	BM	CTW	GSC	LEE	NFC	RPH	PTECH	TRUBB
A5	BROOK	D	HL	LPH	NSL	RSP	TC	TTI
Al	BSBM	DCON	HTECH	MATI	NV	SIMAT	TCCC	TYCN
ALL	BTNC	EKH	IHL	M-CHAI	PAF	SISB	TCJ	UMS
ALPHAX	CAZ	EMC	INOX	MCS	PEACE	SK	TEAM	UNIQ
AMC	CCP	EP	JAK	MDX	PF	SOLAR	THE	UPA
APP	CGD	EVER	JMART	MENA	PK	SPACK	THMUI	UREKA
AQ	CMAN	F&D	JSP	MJD	PPM	SPG	TKC	VARO
AU	CMO	FMT	JUBILE	MORE	PRAKIT	SQ	TNH	W
B52	CMR	GIFT	KASET	MPIC	PTL	STARK	TNPC	WFX
BEAUTY	CPANEL	GLOCON	KCM	MUD	RAM	STECH	TOPP	WPH
BGT	CPT	GLORY	KWI	NC	ROCK	SUPER	TPCH	YGG
BLAND	CSR	GREEN	KYE	NEWS	RP	SVH	TPOLY	



# CG Score 2022

Score Range	Number of Logo	Description	IOD (IOD Disclaimer)
90-100	A A A A A A A A A A A A A A A A A A A	Excellent	Disclaimer: The disclosure of the survey result of the Thai Institute of Directors Association ("IOD") regarding corporate governance is made pursuant to the policy of the Office of the Securities and Exchange Commission. The survey of the IOD is based on the information of a company listed on the Stock Exchange of Thailand and the Market for Alternative Investment disclosed to the public and able to be accessed by a general public investor. The result, therefore, is from the perspective of a third party. It is not an assessment of operation
80-89		Very Good	and is not based on inside information. The survey result is as of the date appearing in the Corporate Governance Report of Thai Listed Companies. As a result, the survey result may be changed after that date or when there is any change to the relevant information. Nevertheless, RHB Securities (Thailand) Public Company Limited does not confirm, verify, or certify the accuracy and completeness of such survey result.
70-79		Good	การเปิดเผลผลการสำรวจของสมาคมส่งเสริมสถาบันกรรมการบริษัทไทย (IOD) ในเรื่องการกำกับดูแลกิจการ (Corporate Governance) นี้ เป็นการดำเนินการตามนโยบายของสำนักงานคณะกรรมการกำกับหลักทรัพย์และตลาดหลักทรัพย์ โดยการสำรวจของ IOD เป็นการสำรวจ และประเมินจากข้อมูลของบรษัทจดทะเบียนในดลาดหลักทรัพย์แห่งประเทศไทยและตลาดหลักทรัพย์เอ็มเอไอ ที่มีการเปิดเผยต่อสาธารณะ
60-69		Satisfactory	และเป็นข้อมูลที่ผู้ลงทุนทั่วไปสามารถเข้าถึงได้ ดังนั้นผลสำรวจดังกล่าวจึงเป็นการนำเสนอในมุมมองของบุคคลภายนอกโดยไม่ได้เป็นการ ประเมินการปฏิบัติและมิได้มีการใช้ข้อมูลภายในในการประเมิน
50-59		Pass	อนึ่ง ผลการสำรวจดังกล่าว เป็นผลการสำรวจ ณ วันที่ปรากฏในรายงานการกำกับดูและกิจการบริษัทจดทะเบียนไทยเท่านั้น ดังนั้นผลการ สำรวจจึงอาจเปลี่ยนแปลงได้ภายหลังวันดังกล่าว ทั้งนี้บริษัทหลักทรัพย์ อาร์เอซบี จำกัด (มหาชน) มิได้ยืนยันหรือรับรองถึงความถูกต้อง ของผลการสำรวจดังกล่าวแต่อย่างใด

Source: http://www.thai-iod.com/th/projects-2.asp

# **Anti-Corruption Progress Indicator**

Anu-C	onu	puon	rogress	muicator

Level 4: Certified

Level 5: Ext	ended	
ADVANC	GLOBAL	QH
ANAN	GPSC	RATCH
BBL	HMPRO	ROBINS
всн	IRPC	SCC
BDMS	KBANK	SIRI
BIGC	KCE	SPALI
ск	KKP	STEC
DCC	KTB	TCAP
DELTA	LPH	TISCO
DRT	PACE	TMT
EGCO	PTT	TOP
GFPT	PTTGC	

Level 4. Oc	ii tiiio a		
AAV	ERW	SAPPE	CPN
AP	GLOW	SAWAD	DTAC
ВА	GUNKUL	SCB	PTTEP
BANPU	ILINK	SCN	PYLON
ВСР	KTC	SEAFCO	
вн	LH	SVI	
вјсні	LPN	TASCO	
CBG	MAKRO	TKN	
CENTEL	MALEE	TMB	
CHG	MINT	TRT	
CKP	MODERN	TRUE	
CPF	NOK	TVO	

# Level 3: Established

ВЕМ	MTLS	SPRC
CPALL	SCI	

No progi	ress		
AOT	BPP	FN	
BCPG	BTS	TPCH	

Source: www.cgthailand.org

**Disclaimer:** The disclosure of the Anti-Corruption Progress Indicators of a listed company on the Stock Exchange of Thailand, which is assessed by the relevant institution as disclosed by the Office of the Securities and Exchange Commission, is made in order to comply with the policy and sustainable development plan for the listed companies. The relevant institution made this assessment based on the information received from the listed company, as stipulated in the form for the assessment of Anti-corruption which refers to the Annual Registration Statement (Form 56-1), Annual Report (Form 56-2), or other relevant documents or reports of such listed company. The assessment result is therefore made from the perspective of a third party. It is not an assessment of operation and is not based on any inside information. Since this assessment is only the assessment result as of the date appearing in the assessment result, it may be changed after that date or when there is any change to the relevant information. Nevertheless, RHB Securities (Thailand) Public Company Limited does not confirm, verify, or certify the accuracy and completeness of the assessment result.

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